

PATENT

Case Docket No. ASMMC.020AUS

Date: January 15, 2003



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) :	Hujanen et al.)	I hereby certify that this correspondence and all
Appl. No. :	09/997,396)	marked attachments are being deposited with the
Filed :	November 28, 2001)	United States Postal Service as first class mail in
For :	THIN FILMS FOR MAGNETIC)	an envelope addressed to: United States Patent
	DEVICE)	and Trademark Office, P.O. Box 2327,
Examiner :	David Vu)	Arlington, VA 22202, on
Group Art Unit :	2818)	

January 15, 2003

(Date)

Adeel S. Akhtar, Reg. No. ASA#

TRANSMITTAL LETTER

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

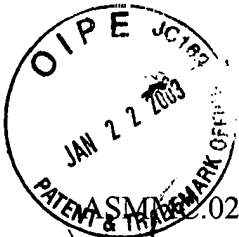
Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) Election of Species
- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with one (1) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

RECEIVED
JAN 27 2003
TECHNOLOGY CENTER 2800

Adeel S. Akhtar
Registration No. 41,394
Attorney of Record
Customer No. 20,995
(415) 954-4114



020AUS

#13/Election
Patent
1/29/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hujanen et al.
Appl. No. : 09/997,396
Filed : November 28, 2001
For : THIN FILMS FOR
MAGNETIC DEVICE
Examiner : David Vu

) Group Art Unit 2818
)

) I hereby certify that this correspondence and all
) marked attachments are being deposited with
) the United States Postal Service as first-class
) mail in an envelope addressed to: United States
) Patent and Trademark Office, P.O. Box 2327,
) Arlington, VA 22202, on

) January 15, 2003
)

) (Date)
) *Adeel S. Akhtar*
) Adeel S. Akhtar, Reg. No. 41,394

ELECTION OF SPECIES

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

Dear Sir:

In an action mailed December 16, 2002, the Examiner required restriction of prosecution to one of the following species of claims:

- Species I Claims 1-32, drawn to a method of fabricating a magnetic memory cells;
- Species II Claims 33-41, drawn to a method of depositing a metal layer by volatile metal source chemicals and hydrogen-rich plasma; and
- Species III Claims 42-45, drawn to a method of manufacturing a magnetic element by depositing an aluminum oxide tunneling dielectric by ALD on the substrate.

In response, Applicants elect, without traverse, to proceed with examination on the merits of Group (Claims 1-32), drawn to a method of fabricating a magnetic memory cells.

Applicants submit that the application is in condition for examination on the merits and respectfully request the same.

Appl. No. : 09/997,396
Filed : November 28, 2001



Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: January 15, 2002

By: Adeel S. Akhtar

Adeel S. Akhtar
Registration No. 41,394
Attorney of Record
Customer No. 20,995
(415) 954-4114

W:\DOCS\ASA\ASA-13490.DOC
010203

RECEIVED
JAN 27 2003
TECHNOLOGY CENTER 2800